

Attachment to NF1329A

FACET: Future ATM Concepts Evaluation Tool

14 April 2004

New technical publications of the contributors

1. Krozel, J., Rosman, D., and Grabbe, S.R., "Analysis of En Route Sector Demand Error Sources," Paper No. 2002-5016, *AIAA Guidance, Navigation, and Control Conference*, Monterey, CA, August 2002.
2. Sridhar, B., Chatterji, G.B., Grabbe, S.R., and Sheth, K.S., "Integration of Traffic Flow Management Decisions," Paper No. 2002-5014, *AIAA Guidance, Navigation, and Control Conference*, Monterey, CA, August 2002.
3. Mueller, E., and Chatterji, G.B., "Analysis of Aircraft Arrival and Departure Delay Characteristics," Paper No. 2002-5866, *AIAA Aircraft Technology, Integration, and Operations Technical Forum*, Los Angeles, CA, October 2002.
4. Roy, S., Sridhar, B., and Verghese, G.C., "An Aggregate Dynamic Stochastic Model for an Air Traffic System, *Proceedings of the 5th USA/Europe Air Traffic Management R&D Seminar*, Budapest, Hungary, June 2003.
5. Grabbe, S.R. and Sridhar, B., "Modeling and Evaluation of Miles-in-Trail Restrictions in the National Airspace," Paper No. 2003-5628, *AIAA Guidance, Navigation, and Control Conference*, Austin, TX, August 2003.
6. Menon, P.K., Sweriduk, G.D., Lam, T., Cheng, V.H.L., and Bilimoria, K.D., Paper No. 2003-5712, "Air Traffic Flow Modeling, Analysis, and Control," *AIAA Guidance, Navigation, and Control Conference*, Austin, TX, August 2003.
7. Sridhar, B., Soni, T., Sheth, K.S., and Chatterji, G.B., "An Aggregate Flow Model for Air Traffic Management," *AIAA Guidance, Navigation, and Control Conference*, Providence, RI, August 2004 (to appear – attached copy is a DRAFT).
8. Chatterji, G.B., Sridhar, B., Sheth, K.S., Kim, D., and Mulfinger, D., "Methods for Establishing Confidence Bounds on Sector Demand Forecasts," *AIAA Guidance, Navigation, and Control Conference*, Providence, RI, August 2004 (to appear – attached copy is a DRAFT).

Note: Copies of all the above papers have been provided as attachments.